

WHAT IS CLAIMED IS:

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1. An apparatus, comprising:
 - a housing;
 - a power supply enclosed in the housing; and
 - a bus hub enclosed in the housing.
 2. The apparatus of claim 1, wherein the bus hub further comprises an upstream port.
 3. The apparatus of claim 1, wherein the bus hub comprises:
 - at least one downstream port to connect to at least one downstream device.
 4. The apparatus of claim 1, wherein the bus hub is self powered.
 5. The apparatus of claim 1, wherein the bus hub is bus powered.
 6. The apparatus of claim 2, further comprising:
 - a hub repeater connected to the upstream port.
 7. The apparatus of claim 2, further comprising:
 - a downstream receptacle connected to both the power supply and the bus hub.
 8. The apparatus of claim 7, further comprising a cable connected to the downstream receptacle, wherein the cable further comprises:
 - a device power wire;
 - a device ground wire;
 - a computer power wire;
 - a computer ground wire; and
 - a plurality of signal wires.

- 1 9. The apparatus of claim 8, wherein the plurality of signal wires further
2 comprises a signal twisted pair.
- 1 10. The apparatus of claim 8, wherein the plurality of signal wires further
2 comprises a fiber optic channel.
- 1 11. The apparatus of claim 1, wherein the power supply further comprises an
2 alternating current to direct current converter.
- 1 12. A computing unit, comprising:
2 a computer comprising:
3 an upstream receptacle to deliver data signals to the computer,
4 a power receptacle to deliver electrical power to the computer; and
5 a power hub coupled to the upstream receptacle and the power receptacle via a
6 cable, wherein the power hub comprises:
7 a housing,
8 a power supply enclosed in the housing, and
9 a bus hub enclosed in the housing.
- 1 13. The computing unit of claim 11, wherein the cable further comprises:
2 a device power wire;
3 a device ground wire;
4 a computer power wire;
5 a computer ground wire; and
6 a plurality of signal wires.
- 1 14. The computing unit of claim 13, wherein the plurality of signal wires
2 comprises a twisted pair.

- 1 15. The computing unit of claim 13, wherein the plurality of signal wires
2 comprises a fiber optic channel.
- 1 16. The computing unit of claim 12, wherein the bus hub further comprises an
2 upstream port.
- 1 17. The computing unit of claim 12, wherein the bus hub further comprises;
2 at least one downstream port to connect to at least one downstream device.
- 1 18. The computing unit of claim 12, wherein the bus hub further comprises:
2 a hub repeater connected to the upstream port.
- 1 19. The computing unit of claim 12, wherein the bus hub is self powered.
- 1 20. The computing unit of claim 12, wherein the bus hub is bus powered.
- 1 21. A cable comprising:
2 a device power wire;
3 a device ground wire;
4 a computer power wire;
5 a computer ground wire; and
6 a plurality of signal wires.
- 1 22. The cable of claim 21, wherein the cable further comprises:
2 an upstream plug to connect to both an upstream bus receptacle and a power
3 receptacle, wherein the power receptacle draws electric power from the computer
4 power wire.

1 23. The cable of claim 21, further comprising:
2 a downstream plug to electrically connect to both a downstream bus receptacle
3 and a power receptacle, wherein the power receptacle is to supply electric power to
4 the computer power wire, and wherein the downstream bus receptacle is connect to
5 the device power wire, the device ground wire, and the plurality of signal wires.

1 24. The cable of claim 13, wherein the plurality of signal wires comprises a
2 twisted pair.

1 25. The cable of claim 13, wherein the plurality of signal wires comprises a fiber
2 optic channel.

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